



Contribution ID: 232

Type: **Invited/Solicited talk in mini-symposium**

"Geometry" of Pulsars, Magnetar and Fast Radio Burst

Tuesday, 12 December 2023 16:10 (20 minutes)

Pulsars and Fast Radio Bursts (FRB) are radio astronomy's most energetic and "fast" phenomena. They are both possibly from "neutron stars". In this talk, I will introduce some of my group and collaborators' pulsars and FRB research using the Five-hundred-meter Aperture Spherical Radio Telescope (FAST), from pulsar spin-kick geometry, emission geometry, relativistic spin precession in double neutron stars, to the emission geometry of FRB bursts in the magnetar SGR J1935+2154.

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Session Classification: Neutron Stars